

SOV/24-58-4-30/39

AUTHORS: Aronzon, N. Z., Borisov, V. N. and Obolduyev, S.G.
(Moscow)

TITLE: Circuit for Generating Unipolar Current Pulses
(Skhema dlya generatsii unipolyarnykh impul'sov toka)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh
Nauk, 1958, Nr 4, pp 144-145 (USSR)

ABSTRACT: Equipment is being extensively used which requires powerful current and voltage pulses of very short durations. In such generators a capacitance is usually discharged across a load by means of a controlled gas discharge device. This capacitance and the inductance of the load form an oscillating circuit and the task of the switching device is to allow the passage of the first half-wave of the current of the oscillating discharge. If the amplitude of current pulses exceeds several thousand ampères and their duration is below a few μ sec, existing gas discharge devices, although having a high throughput capacity as regards the current, will be unsuitable due to back-firings. To eliminate this drawback, a method has been described by Chuchalin and Razin (Ref 1)

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consisting of connecting an additional gas discharge device in parallel with the storage capacitance which "absorbs" from the capacitance the charge of opposite polarity. However, as was mentioned in the dissertation of one of the authors, N. Z. Aronzon, "Striking and its improvement in an arc valve", such a method proved impracticable in the case of such high current intensities due to the difficulties of striking the "absorbing" ignitron. Therefore, the simpler method of eliminating back-firings is of interest which consists in connecting a resistance into the discharge circuit so that this circuit becomes a damped one. An obvious disadvantage of this method is that for obtaining an equal amplitude of the current intensity the voltage has to be 2.5 times as high as in circuits without such damping resistance. However, this disadvantage can to some extent be eliminated by using as a damping element a resistance in parallel with a capacitance. If the values of the resistance R_2 and the capacitance C_2 (Fig 1) are

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suitably chosen, unipolar impulses can be generated by means of such a circuit, the amplitudes of which are considerably higher than in circuits with only a resistance as a damping element. In the above mentioned dissertation a calculation is given for a selected ratio of the parameters. In this paper the author calculates the optimum ratio of the parameters for a circuit arrangement as shown in Fig 1, wherein L and R_1 are respectively the inductance and the resistance of the load, C_1 is the storage capacitance. In view of the difficulties of analytical investigation of the problem, the authors applied the oscillographic investigation on models. It can be seen from the results graphed in Fig 3 that the maximum attainable amplitude of unipolar current impulses by means of a circuit as shown in Fig 1 is 0.59 to 0.55, i.e. about 50 to 60% higher than the relative amplitude of an ordinary aperiodically damped discharge. In Fig 4 characteristic oscillograms of unipolar pulses are graphed for various ratios of the circuit parameters;

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Circuit for Generating Unipolar Current Pulses
in this figure curve 3 corresponds to the maximum
attainable amplitude.
There are 4 figures and 1 Soviet reference.

SUBMITTED: November 15, 1957

Card 4/4

OBOLENSKAYA, A. N.

OBOLENSKAYA, A. N.

"The Present and the Future Possible Applications of Radioactive Isotopes to
the Development of Petroleum and Gas Bearing Fields," Utilization of Radioactive
Isotopes & Emanations in the Petroleum Industry (Symposium), Min. Petroleum Industry
USSR, 1957.

Results of the Joint Session of the Technical Council of Min. of the Petroleum Industry
USSR and Soviet Sci. and Technical Association, Moscow, 14-19 Mar 1956.

OBOLENSKAYA, A. N.

15-57-4-5334

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 178 (USSR)

AUTHOR: Obolenskaya, A. N.

TITLE: The Use of Radioactive Isotopes for Investigating Drill
Holes (Primeneniye radioaktivnykh izotopov dlya issle-
dovaniya skvazhin)

PERIODICAL: Prikl. geofizika, Nr 14, 1956, pp 189-200.

ABSTRACT: The author describes the use of radioactive isotopes to
determine the place of water absorption in the drill
hole and the height of lifting the cement. The
technique of determining the absorption of strata
consists of the following: 1) make a gamma-log of the
hole; 2) force water containing dissolved radioactive
isotopes (the isotope Co⁶⁰) into the absorbing stratum;
3) make a second gamma-log. The second log shows a
marked increase in intensity of radiation for the
absorbing layer. For repeated determinations of sites
of absorption, one should use water with an activity

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15-57-4-5334

The Use of Radioactive Isotopes (Cont.)

two to three times greater than that used for the preceding measurement. To determine the height of lifting the cement in the space outside the pipe, add radioactive isotopes to the fluid cement. The presence of cement outside the pipe is noted by the high intensity of radiation.

V. M. G.

Card 2/2

OBOLENSKAYA, A N

~~OBOLENSKAYA, A N~~

Use of radioisotopes for the zone control of hydraulically fractured
strata. Razved.i prom.geofiz.no.17:83-91 '57. (MIRA 10:12)
(Oil wells) (Radioisotopes—Industrial applications)

OBOLENSKAYA, A. V.

The chemical composition of spruce and fir. V. M. Nilitin and A. V. Obolenskaya. *Dumash. Prom.* 29, No. 7, 5-8 (1984).—The chemical composition of the upper (I) and lower (II) sections of a no. of spruce logs varying in diam. from 8 to 19 cm. was detd. In I, % cellulose (Klatchner) was 50.30 (49.03 to 51.92), % lignin (73% H₂SO₄) 29.54 (28.92 to 30.08), % pentosans (12% HCl) 7.84 (6.58 to 9.09), % mannan (Shorger) 3.47 (1.40 to 5.12), % galactan (Shorger) 1.25 (0.63 to 1.75), % hot H₂O-sol. extn. 2.28 (1.20 to 2.39), Et₂O-sol. extn. 1.80 (0.90 to 1.88), ash 0.43 (0.39 to 0.45), % readily hydrolyzable polysaccharides (III) (hydrolyzed by 2% H₂SO₄) 13.57 (13.18 to 18.11), and difficultly hydrolyzable polysaccharides (hydrolyzed by 80% H₂SC₄, after removal of III) 43.62 (42.21 to 53.37); comparable values for II were 51.12 (49.80 to 52.80), 28.78 (28.03 to 29.91), 8.31 (7.35 to 9.25), 2.80 (2.28 to 3.46), 0.68 (0.40 to 1.14), 2.10 (1.20 to 2.57), 1.31 (0.69 to 2.43), 0.36 (0.30 to 0.51), 13.02 (12.65 to 13.77), and 49.26 (43.51 to 53.53); comparable values for representative samples of fir were 49.14 (47.95 to 50.10), 30.30 (29.90 to 30.93), 7.79 (7.23 to 8.47), 4.19 (3.08 to 5.03), 1.09 (0.83 to 1.96), 2.16 (1.76 to 2.53), 1.49 (1.10 to 2.11), 0.38 (0.26 to 0.55), 19.18 (12.22 to 13.95), and 45.38 (43.66 to 47.34). No relation was found between chem. compn. and tree diam. or vertical position along the bole.
John Lake Keays

OBOLENSKAYA, A. V.

OBOLENSKAYA, A. V.: "Investigation of certain reactions of alkali lignin." M. n Higher Education USSR. Lenigrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Lenigrad, 1956
(Dissertation for the degree of doctor in Technica Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

The reaction of lignin with aqueous solutions of alkali. V. M. Nikitin and A. V. Obolenskaya. *Bumoch. Prom.* 31, No. 12, 3 (1956). A study was made of the properties of alkali lignin I obtained by Kraft black liquor or by heating wood with NaOH (value 0.5-0.7) at 170°. Kraft black liquor was washed and the pH of I was tested and cited with Et₂O. The purified I contained 2-3% bound S and on heating with 5% HCl dissolved to the extent of 1%. On titration, I consumed 70-90 g. NaOH/kg., 30 g. by CO₂H and 40-60 g. by phenolic OH groups; this value is termed the "acid no." II. If neutralized I in excess NaOH is heated or left standing for a prolonged period, added NaOH is consumed and this amount in g./kg. I is termed the "enol no." III and represents the formation of Na enolates resulting from the keto-enol structure of I. In a N atm. II and III after 1, 10, 20, 30, 40, 50, 60, and 90 days were 73 and 37, 87 and 21, 23 and 14, 47 and 13, 36 and 11, 101 and 9, 102 and 8, and 103 and 2, resp. When the I soaks were exposed to the air, II and III for 6, 2, 4, 6, 8, 10, and 18 days were 70 and 75, 115 and 50, 135 and 42, 150 and 35, 165 and 30, 170 and 23, and 190 and 23. The % of original I recovered when kept in NaOH soln. under N or in air for 0, 2, 4, 8, and 18 days was 97 and 100, 97 and 88, 97 and 83, 97 and 82, and 97 and 82. The amt. 4 f/g. NaOH consumed per kg. I heated in NaOH under N or refluxed were const. at 110 and 105, and for soaks exposed to air for 0, 3, 6, 12, 18, 24, 30, and 36 hrs. were 120, 134, 175, 230, 285, 310, 320, and 325. When I in

NIKITIN, V.M. AND OREOLENSKAYA, A.V.

NaOH lign. was heated at 100° under N, it consumed 108 g./kg. within 5 min. and then remained const. When the spines of I which had been heated at 100° with NaOH 6, 6, 12, 18, 24, 30, and 36 hrs. were acidified, 100, 92.0, 89.5, 87.5, 89, 84.7, and 84.1% were recovered from lignin, exposed to thunatu., 100, 95.6, 94.8, 94.0, 93.8, 93.7, and 93.7 %, resp., from lignin heated under N, and 100, 96.4, 98.0, 95.8, 95.7, 95.8, and 95.5% I in sulfur heated under reflux, spruce was pulped in the lab. (4 hrs. at 175°, liquor:wood ratio 10:1) with cooking liquors contg. 10, 20, 30, 40, 50, 60, 80, 100, 150, 200, and 300 g. NaOH/l., and the black liquor acidified to give 6, 9, 10, 20, 23, 22.5, 22.0, 21.5, 20, 19.5, and 18.0% I (based on bone-dry wood). I was heated in 4% NaOH 0, 3, 9, 15, 21, and 36 hrs. at 175°, and the lignins were acidified giving 100, 90, 81, 70, 77, and 70% I. I (5 g.) was treated with 200 cc. NaOH varying in concn., and then heated 8 hrs. at 175°, for cooking liquors of 0, 600, 1000, 2000, and 3000 g. NaOH/kg. I the g. NaOH consumed were ~, 120, 150, 210, and 265, and the lignin recovered upon acidification of the spines: 100, 82, 75, 67, and 63%, resp. In a series of kraft cooks the pulp yields were 100, 70, 60, 46, 39 and 16% for a per cent NaOH (based on bone-dry wood) (IV) of 0, 10, 20, 40, 60, and 120; the lignin content of the pulp in % was 20, 13, 8, 2, 2, 4.5, and 6.3 for a IV of 30, 40, 60, 80, 100, 200, and 300%; the lignina in the pulp

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NIKITIN, V. M. AND OGLENSKAYA, A. V.

was 20, 16, 8.5, 2.0, 1.0, 0.5, and 0.2% for IV values of 15, 20, 40, 80, 80, 100, and 300%. It was heated in soils, containing 0 (original), 4, 6, and 8% NaOH; the yield of I recovered was 100, 80.4, 80.1, 77.0, and 74.0%; the % C and H of the recovered I were 50 and 1.18, 40.00 and 0.51, 37.95 and 1.00, and 37.95 and 0.51, respectively. The results obtained are given in Table I.

Table I
Yield of I (%) and the % C and H of the recovered I
in soils containing 0, 4, 6, and 8% NaOH consumed per kg. of soil
104, 100, 112, 104, and 108. John Lake Keays

NIKITIN, V.M.; OBOLENSKAYA, A.V.

Oxidation of lignin by oxygen in an alkaline medium. Trudy
LTA no.80 pt.2:65-75 '58. (MIRA 13:4)
(Lignin) (Oxidation)

NIKITIN, Nikolay Ignat'yevich. Prinimali uchastiye: ABRAMOV A. Ye.A., starshiy nauchnyy sotr., kand. khim. nauk; AKIM, E.L., inzh.-tekhnolog; ANTONOVSKIY, S.D., dots., kand. tekhn. nauk; VASIL'YEVA, G.G., inzh.-tekhnolog; ZAYTSEVA, A.F., starshiy nauchnyy sotr., kand. tekhn. nauk; KLENKOVA, N.I., kand. tekhn. nauk; MALEVSKAYA, S.S., kand. khim. nauk; NIKITIN, V.N. starshiy nauchnyy sotr., kand. fiz.-mat. nauk; OBOLENSKAYA, A.V., kand. tekhn. nauk; dotsent; PETROPAVLOVSKIY, G.A., starshiy nauchnyy sotr., kand. tekhn. nauk; PONOMAREV, A.N., kand. tekhn. nauk, dots.; SOLECHNIK, N.Ya., prof., doktor tekhn. nauk; TOKAREV, B.I., inzh.; TSVETAYEVA, I.P., kand. tekhn. nauk; CHOCHIYEVA, M.M., kand. tekhn. nauk; ELIASHBERG, M.G., doktor tekhn. nauk; YUR'YEV, V.I.; KARAPETYAN, G.O., red.izd-va; ZAMARAYEVA, R.A., tekhn. red.

[Wood chemistry and cellulose] Khimiia drevesiny i tselliulozy. Moskva, Izd-vo Akad.nauk SSSR, 1962. 711 p. (MIRA 15:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Nikitin). 2. Zaveduyushchiy kafedroy fizicheskoy i kolloidnoy khimii Lesotekhnicheskoy akademii (for Yur'yev).

(Cellulose)

NIKITIN, V.M.; OBOLENSKAYA, A.V.; SKACHKOV, V.M.; IVANENKO, A.D.

Settling of alkali lignin with carbon dioxide under pressure.
Bum. prom. 38 no.11:14-15 N '63. (MIRA 17:1)

1. Leningradskaya lesotekhnicheskaya akademiya im. Kirova.

OBOLENSKAYA, Artimida Valentinovna, dots.; SHCHEGOLEV, Viktor Petrovich, st. nauchn. sotr.; AKIM, Garri L'vovich, dots.; AKIM, Eduard L'vovich, kand. tekhn. nauk; KOSSOVICH, Nadezhda L'vovna, dots.; YEMEL'YANOVA, Iraida Zakharovna, kand. tekhn. nauk; KOSAYA, G.S., kand. tekhn. nauk, retsentent; NIKITIN, V.M., prof. red.

[Practical laboratory work on wood chemistry and cellulose] Prakticheskie raboty po khimii drevesiny i tselliulozy. Moskva, Lesnaya promyshlennost', 1965. 411 p.

(MIRA 18:7)

1. Kafedra khimii drevesiny i tselliulozy Lesotekhnicheskoy akademii im. S.M. Kirova (for Obolenskaya, Shchegolev, Akim, G.L., Akim, E.L.). 2. Kafedra anatomii i fiziologii rasteniy Lesotekhnicheskoy akademii im. S.M. Kirova (for Kossovich). 3. Zaveduyushchaya laboratoriyyey fiziko-khimicheskikh issledovanii Gosudarstvennogo nauchno-issledovatel'skogo instituta gidrolyzny i sul'fatnospirovoy promyshlennosti, Leningrad (for Yemel'yanova).

MYSEV, N.; OBOLENSKAYA, G.

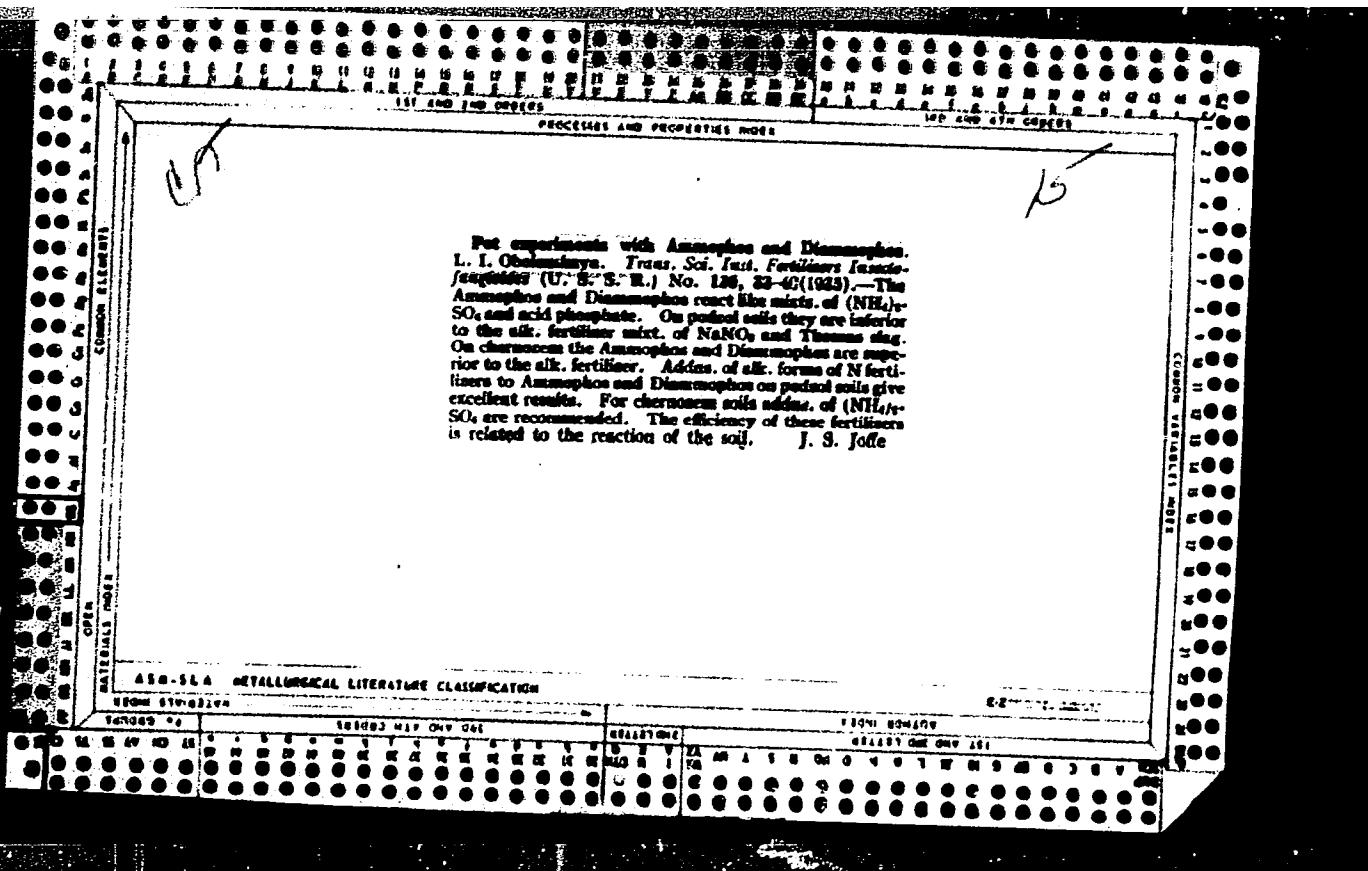
Evaluating work complexity in industry. Sots. trud 8 no. 3:67-72
Mr '63. (Analysis) (MIRA 16:3)

KRASIL'NIKOVA, N.A.; SHMEL'KOVA, Yu.F.; GUREVICH, B.G.; OBOLENSKAYA, G.A.

Approximate estimation of the phosphorite potential of some
regions of Siberia and the Far East. Sov.geol. 4 no.9:82-95
S '61.

(MIRA 14:11)

1. Gosudarstvennyy institut gornokhimicheskogo syr'ya.
(Siberia--Phosphorites)
(Soviet Far East--Phosphorites)



(1) AND (2) LINES
CORRECTS ANY INACCURACIES

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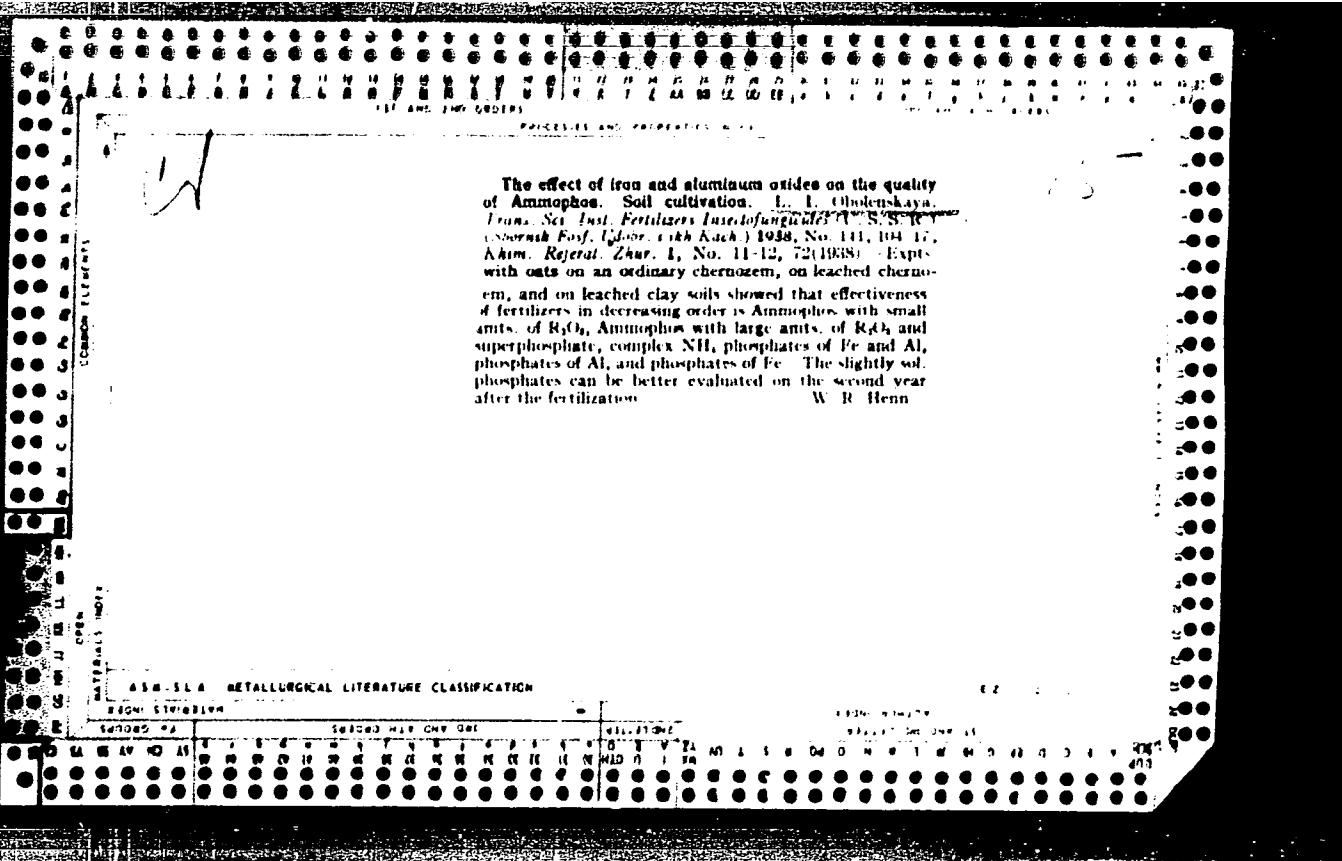
CA

The effect of iron and aluminum on the quality of Ammophos. Sand cultures. A. V. Sokolov, L. I. Olsdenskaya and N. V. Kosheleva. *Trudy NIUTF, SibNIIKhK*, No. 141, 1961, p. 104 (1961). *Khim. Referat. Zhur.* 2, No. 1, 1961, p. 103. Treatment of different kinds of Ammophos with excess water gave rise to a result of hydrolysis which contained the main part of PO_4^{3-} and N in the citric sol. form and small amount of water-sol. N and PO_4^{3-} . Vegetation experiments showed that the Ammophos residues are less available to plants than the phosphates of NH_4 , $\text{NH}_4\text{H}_2\text{Fe}(\text{PO}_4)_2$ and $\text{NH}_4\text{H}_2\text{Al}(\text{PO}_4)_2$. They are inferior to the mech. mixes of $\text{NH}_4\text{H}_2\text{PO}_4$ and RPO_4 in availability of PO_4^{3-} to plants. The presence of similar compds. in Ammophos is possible. The water-sol. Ammophos residue consists of the citric sol. $\text{NH}_4\text{H}_2\text{PO}_4$ and of a citric insol. substance of the approx. $\text{NH}_4\text{H}_2\text{Fe}(\text{PO}_4)_2$ type. N cannot be freed in Ammophos by aqu. extn., it is freed by distil. of NH_3 from a HCl ext. prep'd. for the detn. of the total P.

W. R. Henn

ALB-1A METALLURGICAL LITERATURE CLASSIFICATION

STORY NUMBER	SEARCHED	INDEXED	FILED	CLASSIFICATION											
				1	2	3	4	5	6	7	8	9	10	11	12
147029-64															



C A

110

The influence of potassium on the utilization of nitrogen and on the synthesis of protein in plants in relation to peculiarities in the composition of their carbohydrates. F. V. Turchin and L. I. Oholenskaya (Samoilov Inst. Fertilizer Insectofungicides, Moscow). *Doklady Akad Nauk S.S.R.* 57, 81-4 (1947); *Chem. Zentral.* 1949, 1033-4; cf. *C.A.* 45, 3975f.—Plants with an aldose sugar content (glucose type) are able to fix NH₃ nitrogen in their tissues only in the presence of a sufficiently high K content. Rupts. are reported in which chicory, sunflowers, and strawberries were grown in sand cultures. These plants have a high ketosugar content (fructose type). In contrast to the glucose-type plants, these plants were able to utilize N supplied as NH₃ salts quite as well as nitrate N, even in the presence of a K deficiency, without any damage to the plant (as the result of the NH₃). Fructose-contg. plants synthesize plant proteins while plants of the glucose type synthesize nonprotein-like compdts. in the presence of a K deficiency.

M. G. Moore

The influence of phosphates and lime on acid of a high
content of mobile aluminum. L. I. Chelyuskin. Ped-
ology (U.S.S.R.) 1948, No. 1, 62-9. Additions of phos-
phates equal to the quantity of mobile Al do not immo-
bilize it. Additions of lime equal to 0.5 the hydrolytic
ability eliminate the toxic Al. J. S. Joffe

CA

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Determining potassium and sodium in soils by the flame photometer. L. I. Obolenskaya. Pochvovedenie. 1951. 420 p. A description of the Kurasov photometer (Zavod 420-3). A description of the Kurasov photometer (Zavod 420-3). A description of the Kurasov photometer (Zavod 420-3) and methods of using it are given as the most convenient and speedy for detg. K and Na. The method was used in detg. the exchangeable K and Na in chernozem and podzol soils. To eliminate the interfering Ca ion NH₄ oxalate was added to the NH₄ acetate detg. soln. J. S. Joffe

1952

CEGLEMINSKAYA, L. I.

Spectrum Analysis

Spectrum method for analyzing plants and soils. Pochvovedenie no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1953, Uncl.
2

Obolenskaya, L. I.

Spectrographic method for boron determination in plant ash. L. I. Obolenskaya. Issledovaniya po Priklad. Khim., Akad. Nauk S.S.R., Odz, Khim. Nauk, Sbornik Rabot Cht. 1955, 327-40.—A quartz spectrograph was used with Cu electrodes which were B-free and conical with a diam. of 8 mm. The spectrograph was set up to operate at 7-8 amp., 103 v., a spark gap of 3-4 mm., a slit width of 0.02 mm., and an exposure time of 3 min. on a photographic plate of sensitivity 3 (H.S.D.). The temp. of the photographic developer was 17-18° and the developing time was 3 min. The height of the slit was kept at 1 mm. so that as many as 60 spectra could be taken on one plate. The B line at 2497.7 Å. was compared to that of Sc at 2485.7 Å. which was used as the internal standard. Both the standard and the unknown were analyzed as powders. The standards were prepd. by mixing chemically pure salts of Na, Ca, K, P, Mg, Si, Fe, and Al in amts. approximating those found in plant ash. The resultant mixt. was ground carefully in an agate mortar for 30 min. To 5 g. of this material 1 ml. of a 0.5% Na₂B₄O₇ soln. was added and the resultant powder contained 0.1% B. By further diln. with the above standard salt material, mixt. were obtained contg. 0.1-0.002%

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Spectrographic method . . .

B. A 4% standard tin mixt. was made from SnO_2 and the mixt. of salts found in plant ash. For every 1 g. of standard salt mixt. 0.25 g. of the 4% Sn mixt. was ground in an agate mortar for 10-15 min. Three 40-mg. samples of each of the two standards were placed uniformly on strips of filter paper, 1 X 20 cm, which were treated with a satd. $(\text{NH}_4)_2\text{SO}_4$ soln. A filter strip was folded carefully and the end turned up. The strip with the sample was placed inside. Two g. of the powd., dry plant material was ashed in a Pt (or porcelain) crucible at 500-600°. One hundred mg. was weighed out and mixed with 25 mg. of the 4% Sn mixt. in an agate mortar for 10 min. From this mixt. 3 samples of 40 mg. were taken and prep'd. for analysis in the same manner as above. The paper strips were placed in the flame by hand. The standard and the unknown were photographed on the same plate. A photometer detd. the difference in darkness of the B and Si lines. Statistical treatment of the results showed the probable error to be $\pm 5.8\%$. This method was applicable to soils as well as to plant ash. *M. D.*

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OBOLENSKAYA, L.I.; ZHADKOVA, N.T.

Methods of spectral analysis for studying soils, plants, and
fertilizers. [Trudy] NIUIF no.164:90-92 '59. (MIRA 15:5)
(Spectrum analysis) (Agricultural research)

S/216/63/000/001/004/004
A066/A126

AUTHORS: Obolenskaya, L.I., Zhadkova, N.D.

TITLE: Dynamics and rate of formation of chlorophyll in plants under various conditions of nitrogen nutrition

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya biologicheskaya, no. 1, 1963, 108 - 114

TEXT: The authors studied the effect of nitrogen nutrition on the rate of chlorophyll formation and on the content of soluble hydrocarbons in young barley, sunflower, maize and millet plants. 0.3 and 0.7 g of nitrogen was added per jar in the form of ammonium sulfate together with an optimum dose of potassium-phosphate fertilizer. The chlorophyll content was determined by spectrophotometry 36, 72, and 120 h after nitrogen top-dressing; it was found to increase sharply with increasing nitrogen dose and continued exposure, and was appreciable after 36 h already, while the increase in weight was still insignificant. Administration of nitrogen at various stages of plant development showed that the highest chlorophyll content was reached for maize at the early stage of development dur-

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ing vigorous formation of leaves, while the ~~interventions~~ differ markedly. The chlorophyll content of all plants depended largely on the addition of nitrogen. The content of carbohydrates diminished with increasing chlorophyll content, and the consumption of carbohydrates was dependent on the dose and time of nitrogen top-dressing. A comparison with the controls indicated that the content of carbohydrates decreased after the administration of nitrogen, but rose again later on. This proves that the enhanced initial consumption of carbohydrates is accompanied by a general stimulation of plant growth and assimilation. There are 7 tables.

ASSOCIATION: Nauchnyy institut po udopreniyam i insektofungisidam im. prof. Ya. V. Samoylov (Scientific Institute of Fertilizers and Insectofungicides imeni Professor Ya.V. Samoylov)

SUBMITTED: September 1, 1960

Card 2/2

LITVINOVA, T.P.; LYUKSHENKOV, A.G. [deceased]; Prinimali uchastiye: YAITSKAYA,
V.Ya., studenta; ZUBOVA, T.F., studentka; DENISOVA, I.D., studentka;
MIRZOYEVA, Ye.Kh., studentka; ~~OBOLENSKAYA, L.V.~~, studentka; BELYAYEVA,
Z.D., studentka; BORDOVICH, Kh.D., studentka; OKUNEVA, N.F., studentka

Determination of the amount of water retained in plant raw material
in preparing infusions and decoctions. Apt. delo 10 no. 5:8-11 S-0
'61. (MIRA 14:12)

1. Farmatsevticheskiy fakul'tet I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.
(BOTANY, MEDICAL) (WATER)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

OBOLENSKAYA, N.

Plans for the reconstruction of the Panama Canal. Recd.
transp. 24 no. 6:52-53 '65. (MIRA 18:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i
eksploatatsii vodnogo transporta.

OBOLENSKAYA, N., mladshiy nauchnyy sotrudnik

Inland water transportation in Africa. Rech. transp. 24
(MIRA 18:12)
no. 10:54-55 '65.

1. Tsentral'nyy nauchno-issledovatel'skiy institut ekonomiki
i eksploatatsii vodnogo transporta.

OBOLENSKAYA, O. I.

OBOLENSKAYA, O. I. -- "Flameless Gas Compression in the Furnaces of the Food Industry." Min Higher Education USSR. Moscow Technological Inst of the Food Industry. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knishnaya Letopis', No 5, Moscow, Feb 1956

OBOLANSKAYA, O.I.

Flameless burning of gas in bakery ovens. Ehleb. i konz. prom.
1 no.4:9-11 Ap '57. (MLRA 10:5)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Ovens) (Gas as fuel)

OBOLENSKIY, A.A.; OBOLENSKAYA, R.V.; SKURIDIN, V.A.

Regional zonality in the distribution of magmatism and endogenic
oreproducing mineralization in the southeastern Gornyy Altai.
Izv. Alt. otd. Geog. ob-va SSSR no.5:52-54 '65.

(MIRA 18:12)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

OBOLENSKIY, A.I.

Structural relationships between ore veins in a stockwork.
Geol. i geofiz. no. 9:44-52 '60. (T. 14:2)

1. Institut geologii i geofiziki Sibirskego
otdeleniya AN SSSR, Novosibirsk.
(Ore deposits)

OBOLENSKIY, A.A.; OBOLENSKAYA, R.V.; SKURIDIN, V.A.

Regional zonality in the distribution of magmatism and endogenic
oreproducing mineralization in the southeastern Gornyy Altai.
Izv. Alt. otd. Geog. ob-va SSSR no.5:52-54 '65.

(MIRA 18:12)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

OBOLENSKIY, A.S., inzh.

Electric stacking trucks. Mekh.i avt.proizv. 14 no.5:49-54 My '60.
(MIRA 14:2)
(Industrial electric trucks)

IVANOVSKIY, K.Ye., inzh.; OBOLERSKIY, A.S., inzh.

Piling bridge cranes. Makh.i avtom.proizv. 1/4 no.10:53-55 O '60.
(MIRA 13:10)
(Cranes, derricks, etc.)

OBOLENSKIY, A.S., inzh.; IVANOVSKIY, K.Ye., inzh.

Devices for reloading of piece freight on conveying lines. Mekh.
i avtom.proizv. 15 no.12:22-27 D '61. (MIRA 14:12)
(Conveying machinery)

OBOLENSKIY, A.S., inzh.

Jib cranes on self-propelled trucks. Mekh.i avtom.proizv. 16
no.3:46-47 Mr '62. (MIRA 15:4)
(Cranes, derricks, etc.)

OBOLENSKIY, A.S.; SHPRYGIN, V.I.

Automotive trucks with jib cranes. Biul.tekh.-ekon.inform.Gos.
nauch.-issl.inst.nauch.i tekhn.inform. no.9:95-96 '63. (MIRA 16:10)

ACC NR: AF7001437

(A, N)

SOURCE CODE: UR/0413/66/000/021/0158/0158

INVENTORS: Obolenskiy, A. S.; Belov, A. F.; Kurochkin, S. S.

Otw: none

TITLE: Device for producing an axonometric image of the spectrum. Class 42, No. 188148 [announced by Union Scientific Research Institute for Instrument Manufacture (Soyuznyy nauchno-issledovatel'skiy institut priborostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 158

TOPIC TAGS: spectrum, transistorized circuit, SPECTRUM ANALYZER

ABSTRACT: This Author Certificate presents a device for producing an axonometric image of the spectrum, which contains code-to-voltage converters, amplifiers, and a cathode ray tube. To simplify the device, the amplifiers are connected at the output of the code-to-voltage converters. A common summing transistor in each amplifier is connected directly to a first current-setting transistor and (through a multiposition switch) to a second current-setting transistor. The base of the summing transistor in the amplifiers is connected to a reference voltage source. Limiting resistors are connected in the emitter circuits of the first and second current-setting transistors. To increase the image visualization, the emitter of the first summing transistor is connected through a switch to the collector of a transistor whose emitter

Card 1/2

UDC: 681.142.07

ACC NR: AP7001437

is connected to a resistor. Its base is connected to the base of the first current-setting transistor and to the output of the voltage source for varying the third coordinate.

SUB CODE: 09, 20/ DATE: 27Sep65

Card 2/2

OBOLENSKIV, K. P.

Work organization in agricultural worker's teams Moskva, "Sel'khozgiz", 1943. 79 p.

OBOLENSKIY, K. I., Engr-Major

Cand. Tech. Sci.

Dissertation: "Investigation of the Technical-Operating Indexes of Motor-Transport Operations." Moscow Automotive Mechanics Inst, 22 May 47.

SO: Vechernaya Moskva, May, 1947 (Project #17836)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237710013-6

Chernov, Konstantin Petrovich.

Advantages of large scale collective farms; public lecture. Moskva, Znanie, 1952. 30 p.
S241.V83 no. 15

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237710013-6"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237710013-6

OBOLENSKIY, K. P.

Work organization and wages in kolkhozes. Moskva. Moskovskii rabochii, 1952. 46 p.
(V pomoshch' slushateliam vechernikh partiinykh shkol)

APPROVED FOR RELEASE: 06/15/2000

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OBOLENSKIY, K. [P.]

Collective Farms

"Economy and thrift on collective farms." Vop. ekon., No. 4. 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

OBOLENSKIY, K. [P.]

Collective Farms

Production brigades of leading collective farms. Kokhl. proizv. 12 No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June ² ~~1951~~, Uncl.

1. OROLENKOV, V. [P.]
2. USSR (600)
4. ARTEL
7. Strengthen democratic principles in non-Soviet artel affairs. Kolk. no. 12 no. 12, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237710013-6

OBOLENSKIY, K. [P.]

Collective Farms - Finance

Increase of income on collective farms Sots. sel'khoz 23 No. 1, 1952

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237710013-6"

OBOLEVSKY, K. P.

Upravlenie delami kol'khoza [Collective farm management]. Moskva, Sel'khozgiz, 1953. 76 p.

SO: Monthly List of Russian Accessions, Vol 6 No 4, July 1953

OBOLENSKIY, K. P.

Collective Farms

Directing the affairs of the agricultural artel. Dost. sel'khoz. No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

OBOLENSKIY, K., [P.] and D'YACHENKO, V.

"Some Problems in the Development of Agricultural Economic Research,"
Vop. ekon., No.7, pp 16-32, 1955

Translation M-909, 21 Dec 55

OBOLENSKIY, K.P.

TERENT'YEV, M.L.; OSAD'KO, M.P.; BRAGINSKIY, B.I.; SLOBODIN, V.M.; FISHMAN,
Z.A.; LIVVIN, I.Ye.; TSYNKOVA, M.Yu.; RADIR'YAN, G.O.; TYUTIN, V.A.;
ABRAMOV, V.A.; FRAYNE, S.V.; KOECHIKOVA, I.A.; KARNAUKHOVA, Ye.I.;
~~OBOLENSKIY, K.P.~~; IL'IN, S.A.; GAVRILOV, V.I.; FREYDMAN, S.M.;
VALASHNIKOVA, V.S., redaktor; LAPIDUS, M.A., redaktor; RAKITINA,
Ye.D., redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

[Manual for students of collective farm economy] V pomoshch'
izuchaiushchim ekonomiku kolkhozov. Moskva, Gos. izd-vo selkhoz.
lit-ry, 1956. 423 p.
(Collective farms)

OBOLENSKIY, K.

The communal economy is the main strength of collective farms. Vop. ekon. no.10: 96-107 O '56. (MLRA 9:11)

(Collective farms)

OBOLEVSKIY, A.

ALIKSEYEV, A.; ANCHISHKIN, A.; BERRI, L.; BARABANOV, M.; BOGOMOLOV, O.;
BRAGINSKIY, B.; IOPPE, Ya.; KOVAL', T.; KONAKOV, D.; KUVARIN, V.;
KUDROV, V.; LITVYAKOV, P.; MUROMTSEV, M.; OBOLENSKIY, K.; POKTAYEV,
Yu.; TOLKACHEV, A.; KATS, V., red.; KRYLOV, P., red.; KANEVSKAYA,
T.M., red.; GERASIMOVA, Ye.S., tekhn.red.

[Economic competition between the U.S.S.R. and the U.S.A.; a criticism
of the views of American bourgeois economists] Ekonomicheskoe srovnova-
vanie mezhdu SSSR i SShA; kritika vagliadov amerikanskikh burshchaznykh
ekonomistov. Moskva, Gosplanizdat, 1959. 240 p. (MIRA 12:3)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskiy institut. 2. Sotrud-
niki Nauchno-issledovatel'skogo ekonomicheskogo instituta Gosplana SSSR
(for all except Kats, Krylov, Kanevskaya, Gerasimova)
(United States--Economic conditions) (Russia--Economic conditions)

OBOLENSKIY, Konstantin Petrovich, kand.ekonom.nauk; SUMNIK, Z.A., red.;
SAVCHENKO, Ye.V., tekhn.red.

[Vital problems in the development of agriculture] *Nasushchnye voprosy dal'neishego razvitiia sel'skogo khozieistva. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.12, Biblioteka sel'skogo lektora, no.1). (MIRA 13:8)*
(Agriculture)

ZUBKOV, B. (g.Orenburg); OBOLENSKIY, K. (g.Orenburg)

Quick help is double help. Izobr.i rats. no.3:13-15 Mr '60.
(MIRA 13:6)

1. Spetsial'nyye korrespondenty zhurnala "Izobretatel' i
ratsionalizator" (for Zubkov, Obolenskiy).
(Orenburg--Silk manufacture--Technological innovations)

CHERTKO, V.F.; IOFFE, Ya.A.; OBOLENSKIY, K.P.; KRYLOV, P.N.; KUDROV, V.M.; SAM-BORSKIY, G.I.; KOSTAKOV, V.G.; LITVYAKOV, P.P.; MURONTSEV, M.N.; BERRI, L.Ya.; YAKUBI, A.A.; BELOUSOV, R.A.; BOGOMOLOV, O.T.; POKATAYEV, Yu.N.; ZAGLADINA, S.M.; SOBAKINSKIY, V.I.; NIKOLAYEV, D.N., red.; PONOMAREVA, A.A., tekhn. red.

[United States is loosing the economic competition] SShA proigryvaiut ekonomicheskoe sorevnovanie. Moskva, Izd-vo ekon. lit-ry, 1961.
295 p. (MIRA 14:8)

1. Moscow. Nauchno-issledovatel'skiy ekonomichevskiy institut. 2. Sotrudniki Nauchno-issledovatel'skogo ekonomichevskogo instituta Gossekonomsheva SSSR (for all except : Nikolayev, Ponomareva)
(United States--Economic conditions)
(Russia--Economic conditions)

KARNAUKHOVA, Ye.S., doktor ekonom. nauk, red.; KOZLOV, M.I., kand. ekon. nauk, red.; GAVRILOV, V.I., red.; OBOLENSKIY, K.P., kand. ekon. nauk; ZAVERNYAYEVA, L.V., red.; PONOMAREVA, A.A., tekhn. red.

[Possibilities and ways for increasing labor productivity in the agriculture of the U.S.S.R.] Rezervy i puti povyshenija proizvoditel'nosti truda v sel'skom khoziaistve SSSR; doklady i vystupleniya. Red. kollegija: E.S.Karnaukhova i dr. Moskva, Ekonomizdat, 1962. 490 p. (MIRA 15:5)

1. Soveshchaniye po voprosam vyyavleniya rezervov i putej povysheniya proizvoditel'nosti truda v sotsialisticheskem sel'skom khozyaystve, 1960. 2. Institut ekonomiki Akademii nauk SSSR (for Karnaukhova, Kozlov). 3. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosudarstvennogo nauchno-ekonomiceskogo soveta Soveta Ministrov SSSR (for Obolenskiy).

(Agriculture)

ABRAMOV, V.A.; RUMYANTSEV, A.F.; CHAYKIN, P.I.; ABATURIN, L.V.;
GAVRILOV, V.I.; ALTAYSKIY, I.P.; KAMINSKIY, A.Ye.; SUKACH,
P.V.; VASIL'YEV, V.N.; OBOLENSKIY, K.P.; SAVEL'YEV, Ye.A.;
MOTOV, S.I.; RUSAKOV, G.K.; IVANOV, F.G.; PISKUNOV, V.,
red.; POLYAKOVA, N., red.; MUKHIN, Yu., tekhn. red.

[Economics of agricultural enterprises; textbook] Ekonomika
sel'skokhoziaistvennykh predpriatiy; uchebnoe posobie. Mo-
skva, Gospolitizdat, 1962. 510 p. (MIRA 15:9)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola.

(Farm management)

OBOLENSKIY, Konstantin Patrovich; USTINOV, M., red.; NOGINA, N.,
tekhn. red.

[Determining the economic efficiency of agricultural produc-
tion; problems of theory and practice] Opredelenie ekonomiche-
skoi effektivnosti sel'skokhoziaistvennogo proizvodstva; vop-
rosy teorii i praktiki. Moskva, Sotsekgiz, 1963. 306 p.
(MIRA 16:6)

(Agriculture--Economic aspects)

ABRAMOV, V.O., nauchn. sotr.; CHAYKIN, O.F., nauchn. sotr.; ABATURIN, L.V., nauchn. sotr.; GAVRILOV, V.I. [Havrylov, V.I.], nauchn. sotr.; ALTAISKIY, I.P. [Altais'kyi, I.P.], nauchn. sotr.; KAMINSKIY, O.IE. [Kamins'kyi, O.IE.], nauchn. sotr.; RUMYANTSEV, O.IE., nauchn. sotr.; SUKACH, P.V., nauchn. sotr.; VASIL'YEV, V.M. [Vasyl'iev, V.M.], nauchn. sotr.; KOTOV, G.G. [Kotov, H.H.], nauchn. sotr.; OBOLENSKIY, K.P. [Obolens'kyi, K.P.], nauchn. sotr.; SAVEL'YEV, Ye.O. [Savel'iev, IE.O.], nauchn. sotr.; MOTOV, S.I., nauchn. sotr.; RUSAKOV, G.K. [Rusakov, H.K.], nauchn. sotr.; YEVDOKIMENKO, V.P. [Ievdokymenko, V.P.], red.; SKVIRSKAYA, M.P. [Skvyr's'ka, M.P.], tekhn. red.

[Economics of agricultural enterprises] Ekonomika sil'sko-khospodars'kykh pidpriemstv; navchal'nyi posibnyk. Kyiv, Derzhpolitydav URSR, 1963. 469 p. (MIRA 16:10)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola.

(Agriculture—Economic aspects)

ABRAMOV, V.A.; RUMYANTSEV, A.F.; CHAYKIN, P.I.; ABATURIN, L.V.;
GAVRILOV, V.I.; ALTAYSKIY, I.P.; KAMINSKIY, A.Ye.;
SUKACH, A.F.; VASIL'YEV, V.N.; OBOLENSKIY, K.P.;
SAVEL'YEV, V.A.; RUSAKOV, G.K.; IVANOV, F.G.; POLYAKOVA,N.,
red.; MUKHIN, Yu., tekhn.red.

[Economics of agricultural enterprises] Ekonomika sel'sko-khoziaistvennykh predpriatiy; uchebnoe posobie. Izd.2.,
dop. Moskva, Politizdat, 1963. 527 p. (MIRA 17:1)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola.
(Agriculture--Economic aspects).

BASYUK, T.L., doktor ekon. nauk, prof., red.; OBOLENSKIY, K.P.,
doktor ekon. nauk, prof., red.; L'VOV, N.S., red.

[Using mathematical methods for economic studies in
agriculture] Primenenie matematicheskikh metodov v eko-
nomicheskikh issledovaniakh po sel'skomu khoziaistvu.
Moskva, Ekonomika, 1964. 354 p. (MIRA 17:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
ekonomiki sel'skogo khozyaystva.

L 1616-66 FSS-2/EMT(1)/FS(v)-3/FCC TT/GW
ACC NR: AP5025478 SOURCE CODE: UR/0203/65/005/005/0831/0834

AUTHOR: Kovner, M. S.; Cholenskiy, L. M.

ORG: Gor'ki State University (Gor'kovskiy gosudarstvenny universitet)

TITLE: Possibility of determining the electronic concentration and the magnetic field in the plasma via the measurements of drift wave frequencies

SOURCE: Geomagnetika i aeronomiya, v. 5, no. 5, 1965, 831-834

TOPIC TAGS: earth magnetic field, ionosphere, artificial satellite, drift mobility, electromagnetic wave frequency, plasma magnetic field, plasma concentration

ABSTRACT: Recently, a number of experiments were conducted concerning the various frequency radiations as well as the direct computation of the parameters of the ionosphere. These experiments were performed by the on-board laboratories of the artificial satellites. The author investigated the possibility of determining the corpuscular flux velocity, the magnetic field intensity and the concentration of the charged particles in the interplanetary environment and in the upper ionosphere

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ACC NR: AP5025478

by measuring the slow drift-wave frequencies. The investigation was premised on the assumption that these waves were generated by a flux of solar origin. The authors thank B. N. Gershman for assistance. Orig. art. has: 19 formulas.

SUB CODE: 04,20/SUBM DATE: 14Dec64/ ORIG REF: 007/ OTH REF: 002

Card 2/2

I 5268-66 FBD/EWT(1)/FCS(k) CW/WS-2/AIR
ACCESSION NR: AP5022800

UR/0141/65/008/004/0768/0770
621.396.677.497:523.164

AUTHOR: Grigor'ev, G. I.; Kovner, M. S.; Nikiforova, O. G.; Obolenskiy, L. M.; Sansomov, A. V.; Trakhtengerts, V. Yu.

TITLE: Logarithmic-periodic helical exciter for a paraboloid with 1:7 frequency coverage

SOURCE: IVUZ. Radiofizika, v. 8, no. 4, 1965, 768-770

TOPIC TAGS: antenna directivity, conic antenna, antenna polarization, radio telescope antenna

ABSTRACT: The authors present the results of tests on a model of a broadband exciter for the 15-meter paraboloid of the Zimenki radio telescope. The model scale was 1:10. The reflector used was a parabolic cylinder with focal distance 0.525 m, height 1 m, and aperture $D = 1.5$ m. The exciter was a conical bifilar-wound cable helix with vertex angle 90° and pitch angle 7° . The vertex of the cone was at the focus of the paraboloid. The directional pattern and the standing wave ratio of the system were measured in the range $1.5 < D/\lambda < 10$, where λ is the working wavelength. The results are shown in Fig. 1 of the Enclosure. The fact that a directivity angle of 10° can be obtained with D/λ close to 2 is taken as an indi-

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cation that such a system can ensure high directivity with small antenna dimensions. It is emphasized, however, that no final conclusions can be drawn until phase-distribution measurements are made. The results for horizontally polarized radiation differ little from those for vertical polarization, except that side lobes appear at some frequencies. "The authors thank Yu. M. Zhidko for a discussion of the results." Orig. art. has: 2 figures. ⁶ [44] [55] [02]

ASSOCIATION: Gor'kovskiy gosudarstvennyy universitet (Gor'kiy State University)⁴⁴

SUBMITTED: 08Jul64

ENCL: 01

SUB CODE: AA, EC ⁵⁵

NO REF SOV: GOI

OTHER: GO4

ATD PRESS: *4137*

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ACCESSION NR: AB5022800

ENCLOSURE: 01

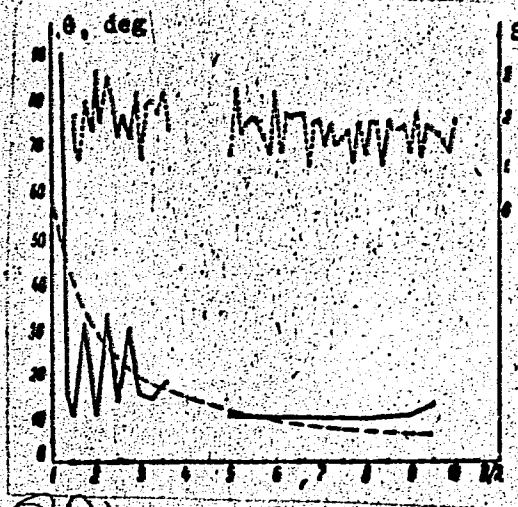


Fig. 1. Width of directivity pattern
(θ , degrees) and standing wave ratio
plotted against the aperture-to-wavelength
ratio D/λ

Card 3/3

OBOLENSKIY, N.

15G77

15G77

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Sep 1947
USER/Banking 4908.0100"For exemplary work on Part of Savings Banks,
Oboleskiy, 2 pp

"Balt Finans" Vol VIII, No 9

General information on USSR savings bank system. In addition to handling savings, functions of banks include payment of rewards to persons awarded orders and medals, subsidies for large families and veterans, etc. Indication that over 60 million Soviet citizens hold Govt obligations. Data on large increase in number of transactions held. Greatest increase noted for Baltic republics. Reparations of large bank network noted with criticism of specific

15G77
Sep 1947

localities for slower expansion than scheduled. Considerable criticism of deficient work in numerous installations. Article calls for general improvement in banking work.

15G77
Sep 1947

OBOLENSKIY, M. VENYAMINOV, N.

Budget

"Improve the practice of drawing up and carrying out local budgets." Sov. Fin.,
13, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August² 1958, Uncl.

OEOLENSKIY, F., VENYAMINOV, N.

Local Finance

Improve the practice of drawing up and carrying out local budgets. Sov.fin. 13, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195¹. Unclassified.
2

OBOLENSKIY, N.

More complete disclosure of hidden potentialities in the national
economy. Fin.~~SSSR~~ 15 no.10:26-29 0'54. (MLRA 8:2)
(Finance) (Russia—Manufacturers)

OBOLENSKIY, N.

VENIAMINOV, N.; OBOLENSKIY, N.

Problems in financial and budget planning. Fin. SSSR 18 no.12:
10-17 D '57. (MIRA 11:1)
(Finance)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237710013-6

OBOLENSKIY, N.

Budgets of the union republics. Fin. SSSR 19 no.3:9-17 Mr '58.
(Budget) (MIRA 11:5)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237710013-6"

OBOLENSKIY, N.

Distribution of state enterprises' accumulations in China. Fin.
SSSR no.4:70-76 Ap '61. (MIRA 14:4)
(China—Taxation)
(China—Industries)

OBOLENSKIY, N.

Organization of the working capital of state enterprises in the
Chinese People's Republic. Den. i kred. 19 no.7:43-52 J1 '61.
(MIRA 14:7)
(China--Finance)

OBOLENSKIY, N.

Finances of free Cuba. Fin.SSSR 23 no.11:41-49 N '62. (MIRA 15:12)
(Cuba--Finance)

OBOLENSKIY, N.A.

Standardization at the highest stage. Standardizatsiya 28
no.10:18-20 O '64. (MIRA 17.12.

1. Predsedatel' Gosudarstvennogo komiteta po elektrotehnike pri
Gosplane SSSR.

ALEKSENKO, G.V.; BIRYUKOV, V.G.; BORISENKO, N.I.; BORUSHKO, V.S.; KOVALEV, N.N.;
KOSTENKO, M.P.; OBOLENSKIY, N.A.; PETROV, G.N.; ROZANOV, A.A.;
SKIDANENKO, I.T.; TIMOFEEV, P.V.; CHILIKIN, M.G.; SHEREMET'YEVSKIY, N.N.

Professor Andronik Gevondovich Iosifian, 1905- ; on his 60th
birthday. Elektrichestvo no.9:68 S '65.

(MIRA 18:10)

OBOLENSKIY, N.A.

Development and assimilation of new lines of electrical equipment.
Elektrichestvo no.4:1-4 Ap '64. (MIRA 17:4)

1. Predsedatel' Gosudarstvennogo komiteta po elektrotehnike pri
Gosplane SSSR.

OBOLENSKIY, N.A.

Objectives of the electric equipment industry in 1964-1965.
Elektrotekhnika 35 no.2:1-3 F '64. (MIRA 17:3)

1. Predsedatel' Gosudarstvennogo komiteta po elekrotekhnike pri
Gosplane SSSR, ministr SSSR.

L 22739-66 EWP(k)/EWP(h)/EWT(d)/EWP(l)/EWP(v)
ACC NR. AP6013621

SOURCE CODE: UR/0105/65/000/009/0088/0088

AUTHOR: Aleksenko, G. V.; Biryukov, V. G.; Borisenco, N. I.; Borushko, V. S.;
Kovalev, N. N.; Kostenko, M. P.; Obolenskiy, N. A.; Petrov, G. N.; Rozanov, A. A.;
Skidanenko, I. T.; Timofeyev, P. V.; Chilikin, M. G.; Sheremet'yevskiy, N. N.

21
79

ORG: none

TITLE: Honoring the 60th birthday of Professor Andronik Gevondovich Iosif'yan

B

SOURCE: Elektrichestvo, no. 9, 1965, 88

TOPIC TAGS: academic personnel, scientific personnel, automation, electric engineering,
servosystem, automatic control

ABSTRACT: 21 July 1965 was the 60th birthday of the eminent Soviet scientist in the field of electrical mechanics and automation, Dr. Techn. Sci., Professor, Member of the AS Armenian SSH, Hero of Socialist Labor, Laureate of the State Prize, A. G. Iosif'yan. His scientific contributions are numerous. During 1931-1934 he developed the theory of the combined synchronous control circuit with AC commutator generator. Subsequently, he invented the contactless selsyn. He was the first Soviet scientist to publish studies of thyratron-based servosystems for the control of electrical machinery. During 1940-1945 he made a major contribution to the theory of electrical machinery and automatic control by publishing studies on the general theory of the elec-

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tromechanical amplifier (amplidyne) and power-driven synchronous servosystems. In his 35 years of scientific activity A. G. Iosif'yan has published more than 60 studies on many problems of electrical mechanics and automatic control and has been the author of 24 inventions. A. G. Iosif'yan is the founder and director of the All-Union Order of Labor Red Banner Scientific Research Institute of Electromechanics, and it was on his initiative that branches of this institute have been established in Leningrad, Tomsk, Yerevan, Frunze, Iskra, and Kudinovo. Between 1950 and 1955 he held the elective office of Vice President of the Armenian Academy of Sciences, and since 1955 he has been Editor-in-Chief of the journal Elektrotehnika (Electrical Engineering). He is also the bearer of many other honors. Among other things, he was elected delegate to the 22nd Congress of the CPSU. Orig. art. has 1 figure. [JPRS]

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